

Program Summary Sheet

KINETIC ENERGY MISSILE

PEO/DSA: TM

Incumbent: Jed A. Sheehan

FY: 03

Rotation Date: Jul 03

Command Selection Criteria

1. Description of Program/Command:

The Kinetic Energy Missiles (KEM) Project Office provides management oversight for the Line-of-Sight Anti-Tank (LOSAT) missile system and future kinetic energy missiles. The LOSAT is a dedicated assault support weapon system, which provides extremely lethal, accurate fires against hardened targets and armored vehicles at distances exceeding tank main gun range. The LOSAT has a sophisticated fire control system and is deployable in all strategic mobility lift platforms from C-130 to C-5 aircraft and can be sling carried by Army UH-60L and CH-47 helicopters. The LOSAT system employs a hypervelocity kinetic energy missile, which accelerates to 5,000 feet per second, has five times the kinetic energy of current tank rounds, and is capable of defeating any current or projected armor system. The Army has selected the LOSAT Program as one of the programs for acceleration to support the new Army Vision/Transformation Initiative and lead our Army to the Objective Force.

2. Description of PMs/Commanders Responsibilities:

The Project Manager for the KEM Project Office is responsible for managing the Army's \$1.3B (ACAT II) program for development of kinetic energy missiles and weapon systems in support of light and medium forces. Leads 60 government and industry personnel, with an annual budget of more than \$75M, in transitioning kinetic energy technology from the Advanced Concept Technology Development (ACTD) stage to a fielded system in less than five years. Primary responsibilities involve concurrent conduct of the ACTD while also developing deployable and sustainable weapons systems for fielding to light and special units. Develops, procures, fields, and supports full-up, combat ready kinetic energy missiles systems to active and reserve component forces. Plans, justifies, and competes for annual Army program resources while instituting and executing positive controls to ensure efficiency and effectiveness. Provides leadership for the Government/Industry team of engineers, analysts, and managers involved in the project.

3. Desirable Characteristics:

a. Military Education:

Senior Service College

b. Civilian Education:

Advanced Degree in Management or Engineering

c. Experience:

Product Manager for an Acquisition Program, preferably a missile system, is desired.

d. Security Clearance: TOP SECRET

e. Other:

4. Administrative Data:

a. Duty Station

City: Redstone Arsenal State: AL

b. UIC: W27P07

c. Report Date: Month: Jun Year: 03

Other Significant Command Information

1a. Significant Congressional, Office of the Secretary of Defense, and/or Army Interest:

In FY 00, the Chief of Staff of the Army designated LOSAT as a part of the New Army/Vision Transformation. The Army funded the accelerated development and production to procure two battalions by FY 06, with a total of five battalions fielded by FY 12.

b. Significant Impact on Military Posture and Readiness:

The LOSAT weapon system provides the Army's early entry forces with highly lethal, accurate missile fire that is overwhelming effective against heavy armor systems, field fortifications and hardened targets at ranges exceeding tank main gun range. LOSAT meets the urgent operational requirement for overmatching lethal capability in light forces and provides a capability 7+ years before any comparable system (CKEM).

c. Extensive Interdepartmental, National, or International Coordination:

At the current time LOSAT and future kinetic energy missile weapon systems are not candidates for FMS cases.

d. Unusual Organizational Complexity, Technological Advancement or Interface Control:

The LOSAT ACTD is developing the Army's first to be fielded Kinetic Energy Missile (KEM) the pathfinder for all future KEMs and fills an urgent operational requirement for overmatching capability in the light forces. As a result of the Chief of Staff of the Army's decision to accelerate the development and production of the LOSAT weapon system, an ACTD Plus design maturation effort is being conducted concurrent with the ACTD, which will qualify the system, and conduct a Limited User Test to support an FY 04 production decision.

e. Unusual Difficulties Requiring Centralized Management:

2. Systems currently managed by the PM:

Line-Of-Sight Anti-Tank (LOSAT) Weapon System (ACAT II with OSD test oversight).